

IN THE SPECIFICATION

Please amend the paragraphs of the specification as follows:

Beginning on page 14, paragraph [1059], with the following paragraph:

FIG. 2 illustrates an exemplary forward link waveform **200**. For pedagogical reasons, the waveform **200** is modeled after a forward link waveform of the above-mentioned HDR system. However, one of ordinary skill in the art will understand that the teaching is applicable to different waveforms. Thus, for example, in accordance with one embodiment the waveform does not need to contain pilot signal bursts, and the pilot signal can be transmitted on a separate channel, which can be continuous or bursty. The forward link **200** is defined in terms of frames. A frame is a structure comprising 16 time-slots **202**, each time-slot **202** being 2048 chips long, corresponding to a 1.66 ms. time-slot duration, and, consequently, a 26.56 ms. frame duration. Each time-slot **202** is divided into two half-time-slots ~~**202a, 202b**~~ **202A, 202B**, with pilot bursts ~~**204a, 204b**~~ **204A, 204B** transmitted within each half-time-slot ~~**202a, 202b**~~ **202A, 202B**. In the exemplary embodiment, each pilot burst ~~**204a, 204b**~~ **204A, 204B** is 96 chips long, and is centered at the mid-point of its associated half-time-slot ~~**202a, 202b**~~ **202A, 202B**. The pilot bursts ~~**204a, 204b**~~ **204A, 204B** comprise a pilot channel signal covered by a Walsh cover with index 0. A forward medium access control channel (MAC) **206** forms two bursts, which are transmitted immediately before and immediately after the pilot burst **204** of each half-time-slot **202**. In the exemplary embodiment, the MAC is composed of up to 64 code channels, which are orthogonally covered by 64-ary Walsh codes. Each code channel is identified by a MAC index, which has a value between 1 and 64, and identifies a unique 64-ary Walsh cover. A reverse power control channel (RPC) is used to regulate the power of the reverse link signals for each subscriber station. One of the available MAC indices between 5 and 63 is used for reverse link power control for each subscriber station. MAC index 4 is used for a reverse activity channel (RA), which performs load control on the reverse traffic channel. The forward link traffic channel and control channel payload is sent in the remaining portions ~~[[**208a**]]~~ **208A** of the first

half-time-slot **[[202a]] 202A** and the remaining portions **[[208b]] 208B** of the second half-time-slot **[[202b]] 202B**.